

OPEN-FILE REPORT
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OPEN FILE REPORT 78-039
PLATE 33 OF 69

EXPLANATION



NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights.



BOUNDARY OF RESERVE BASE
 COAL—Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot (1.5-m) coal isopach. Arrows point toward area of Reserve Base coal.



STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 85 percent within that area in this quadrangle.

RB	R(.85)	
.37	.31	(Measured resources)
.32	.27	(Indicated resources)
-----	-----	(Inferred resources)

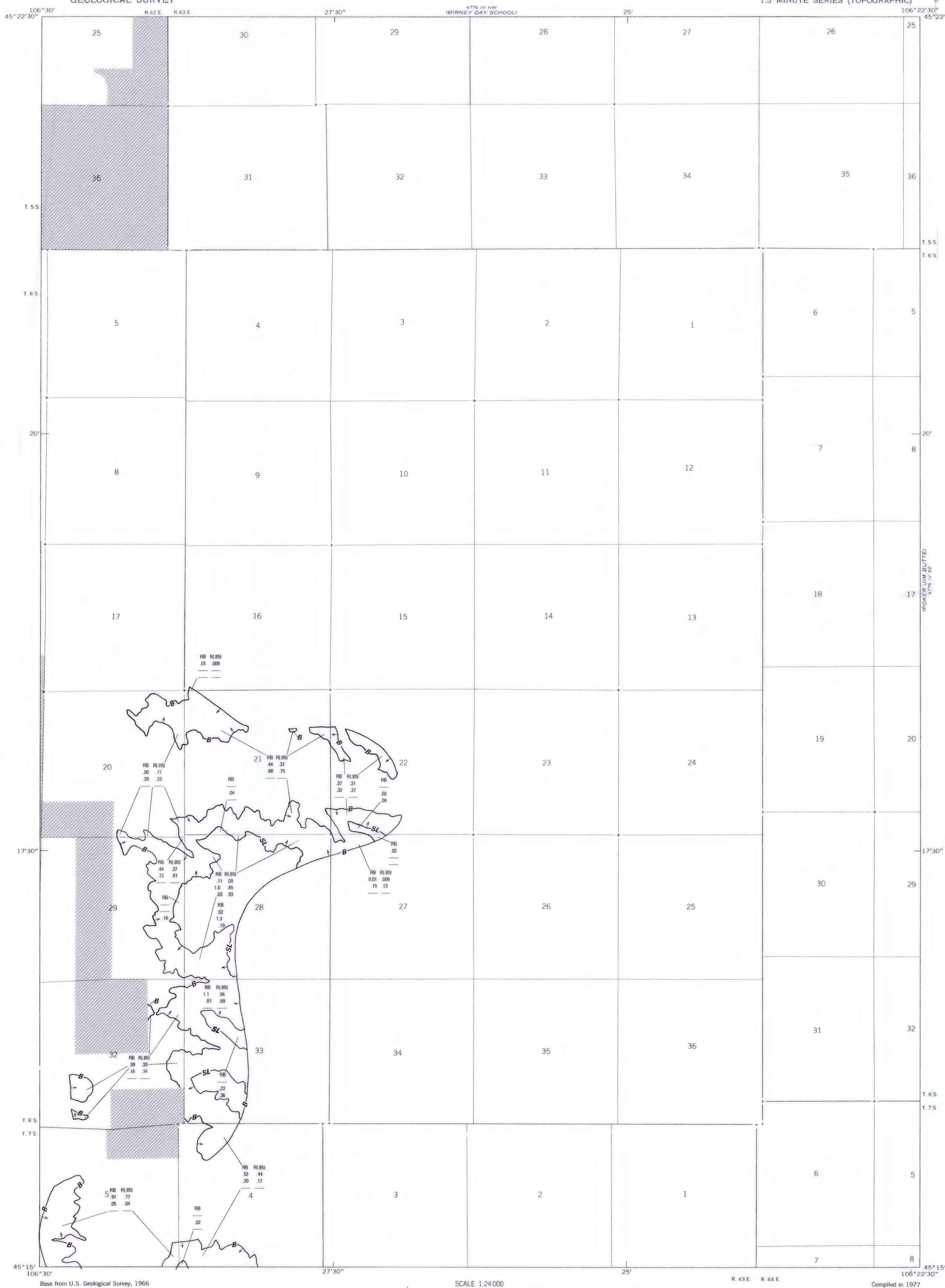
IDENTIFIED STRIPPABLE COAL RESOURCES--Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (85 percent) = Reserves (R). Rounded to two significant figures.

AB	(Measured resources)
.22	(Indicated resources)
.36	(Inferred resources)

IDENTIFIED NON-STRIPPABLE COAL
RESOURCES--Showing totals
for Reserve Base (RB), in
millions of short tons, for
each section or part(s) of
section of Federal coal
land outside the stripping-
limit line. Dash indicates
no resources in that
category. Rounded to two
significant figures.

Recovery factors have not been established for underground development of coal in this quadrangle. Therefore, Reserves (R) were not calculated for the coal bed in areas outside the stripping-limit line where the overburden thickness exceeds 200 feet (61 m).

To convert short tons to metric tons, multiply by 0.907.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE BROWNS MOUNTAIN QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY
W. J. MAPEL AND B. K. MARTIN
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PLATE 33
IDENTIFIED RESOURCES OF
THE PAWNEE COAL BED